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**Mineralogical and geochemical investigations of bentonite deposits in the northern Kelkit Valley (Resadiye-Yazicik-Bereketli/Tokat), Turkey**

Kelkit Vadisi kuzeyindeki (Resadiye-Yazicik-Bereketli/Tokat) bentonit yataklarının mineralojik ve jeokimyasal incelenmesi

Gumuser G.; Yalcin H.

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**Descriptors:** ...province. These are consisted of alternation of pyroclastics and their alteration products (tuff, bentonitic tuffaceous **claystone** and bentonitic **claystone**, with tuffaceous sandstone intercalations) **limestone**-bearing lenses and silicious tuff nodules in the volcanosedimentary sequence Quartz, feldspar, biotite, rarely augite, and porous-fibrous pumices and **volcanic rock** fragments represent volcanogenic constituents, whereas clay, **calcite**, opal-CT, zeolite (clinoptilolite/heulandite, negligible mordenite and analcime) and **dolomite** are diagenetic in origin. Clay fraction includes abundantly smectite, and trace amount of I-S...